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Title: The ASD Scorpius Accelerator at the NNSS. Recruitment Slides for the University of Nevada, Reno

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Intended for: Virtual Job Fair with the University of Nevada, Reno

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The ASD Scorpion Accelerator at the NNSS.

Recruitment Slides for the University of Nevada, Reno

October, 2020

Trevor J. Burris, Ph.D.

ASD Commissioning Manager and ITS Lead

Senior Principal Scientist, NNSS

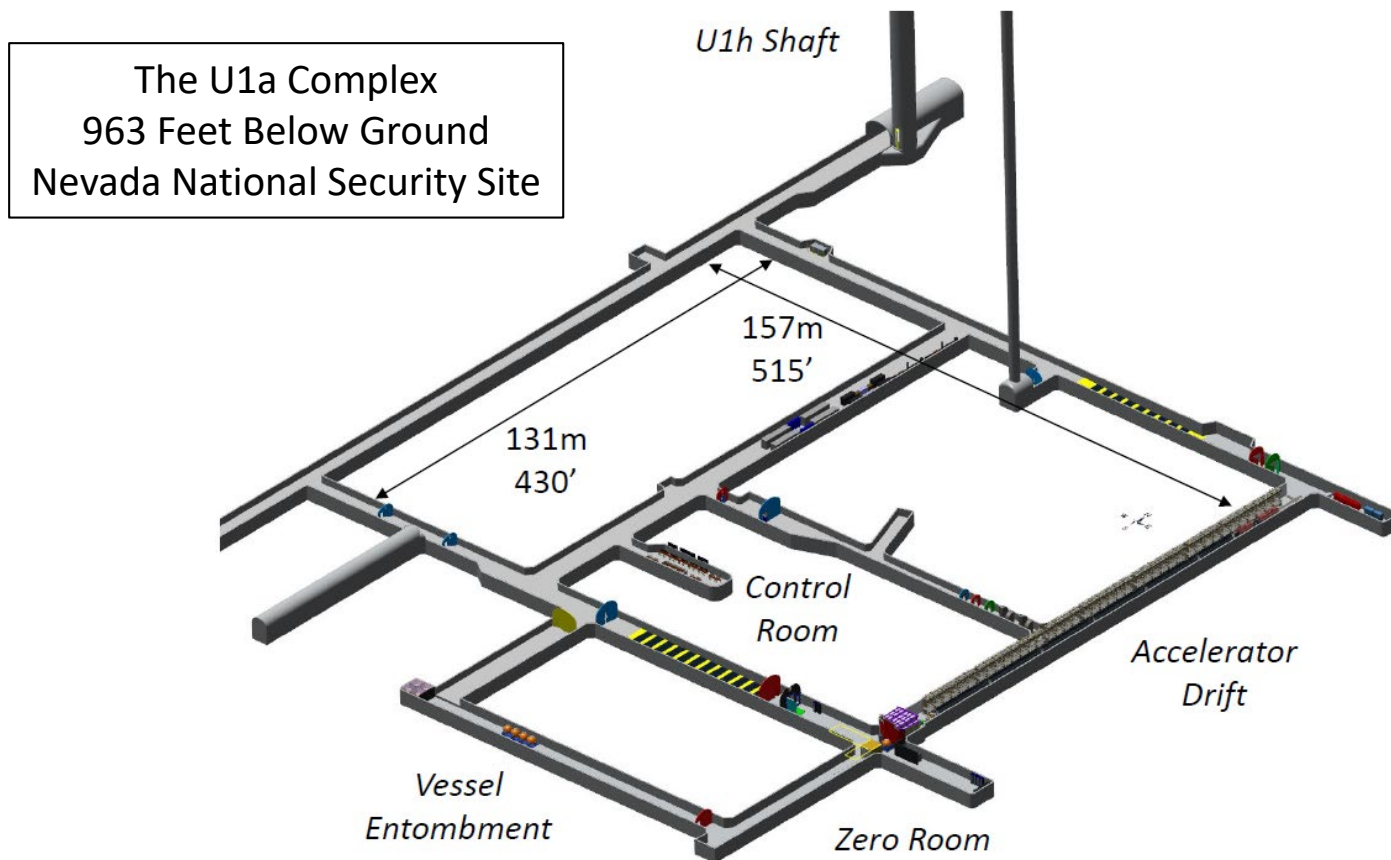
Guest Scientist, LANL

UNR Alumnus

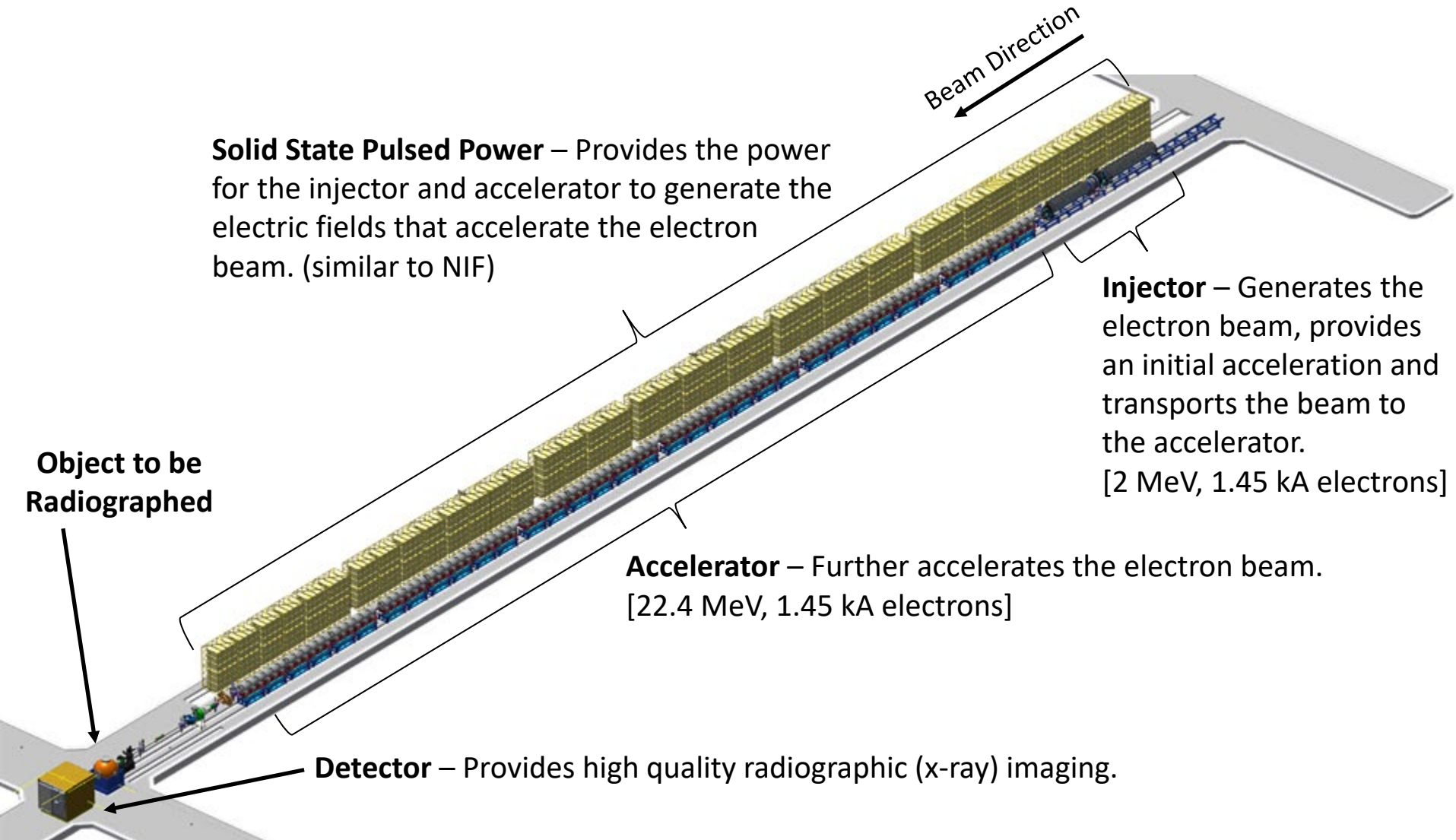


The Scorpius Accelerator:

- Supports the maintenance of the US nuclear stockpile,
- Helps the US not return to nuclear testing,
- Is one of four diagnostics being installed 963 feet below ground,
- Probes subcritical implosions of nuclear material,
- Supports the validation of LANL and LLNL computer codes.



Commissioning of the Accelerator will begin in 2024.



This is a rough timeline of activities.

2020-2021

Technology Maturation Activities

Recruit Engineers, Scientists, Techs, Operators

2022-2023

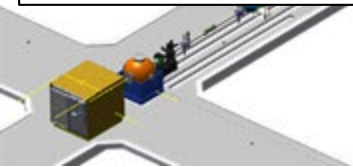
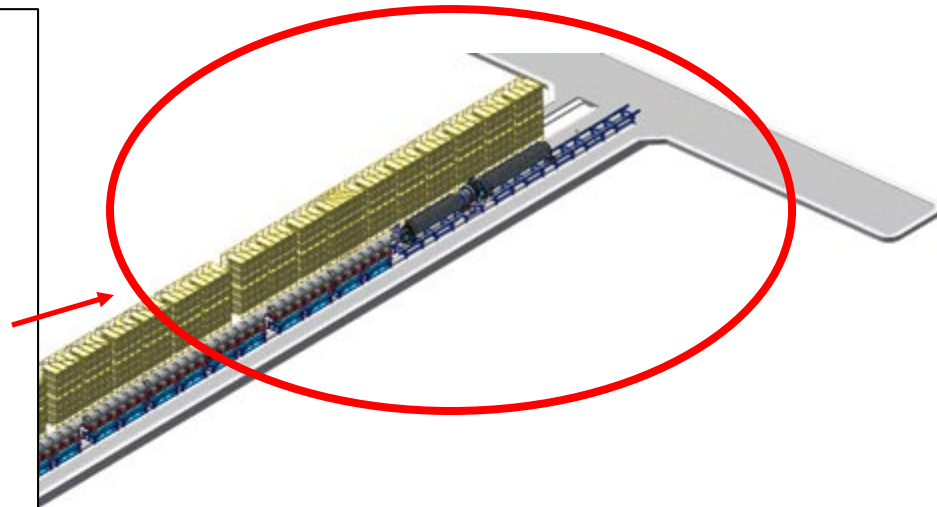
Install and test the front end of the accelerator at the NNSS Las Vegas Campus.

2023-2024

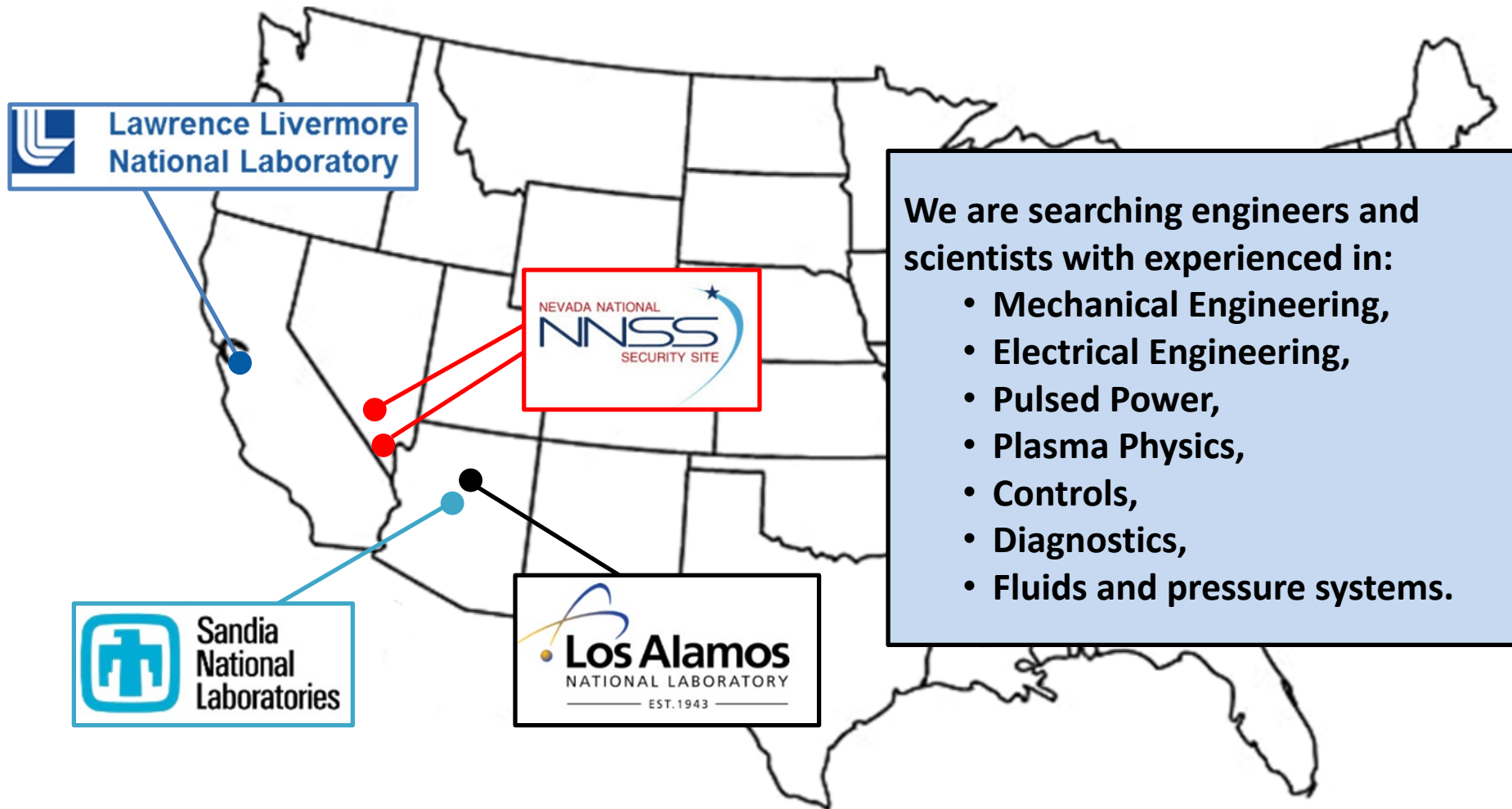
Install and commission the full accelerator at the Nevada National Security Site.

2025

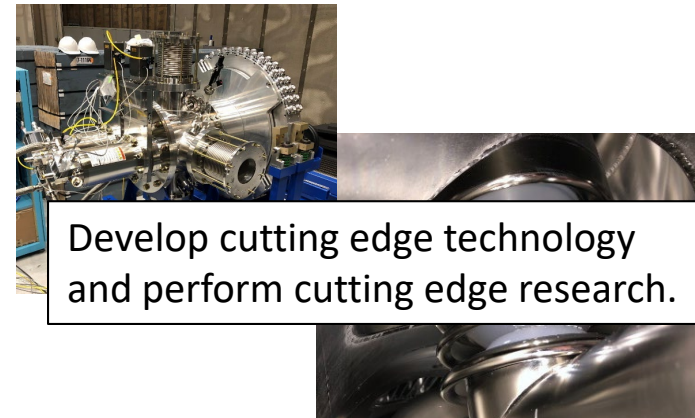
Begin subcritical experiments to support LANL and LLNL.



LANL, LLNL, NNSS and SNL are collaborating to design and build Scorpius.



Have Fulfilling Career.



Have Fulfilling Life.



Lee Canyon [above]
(Nevada, 45 minutes)

Mt. High & Snow Summit
(California, 3.5 hours)

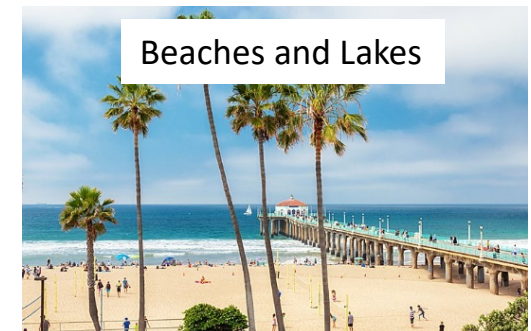
Brian Head & Eagle Point
(Utah, 3.5 hours)



Red Rock Canyon [above]
(Nevada, 30 minutes)

Zion National Park
(Utah, 2.5 hours)

Grand Canyon
(Arizona, 4 hours)



Los Angeles [above]
(California, 4 hours)

Lake Mead
(Nevada, 40 minutes)

San Diego
(California, 5 hours)